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In the event a fee is required for the filing of the attached document(s) or in implementing the addition of new claims or any claim amendments, and the required fee is not submitted or the fee submitted is incorrect, the Commissioner is hereby authorized to charge any additional fees to effect the filing of this document(s) or credit any overpayment under 37 CFR §1.16 and §1.17 to Account No. 50-0983.

Signature

Date

2/28/2005

Louis F. Wagner

February 28, 2005

(type or print name of person certifying)

IN THE UNITED STATES PATENT & TRADEMARK OFFICE**Applicant:** Stevenson et al.**Examiner:** Thexton, M.**Serial #:** 10/086,619**Art Unit:** 1714**Filing Date:** 01 March 2002**Date:** 28 February 2005**Title:** Phosphite Ester Additive Composition

Commissioner for Patents
Attn: Certificate of Correction Branch
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate
MAR 08 2005
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 35 U.S.C. 254

Sir:

Upon review of the recently issued above-identified U.S. Letters Patent, it was found that errors are contained in the patent which occurred during the printing of the patent, through no fault of the Applicant. Therefore, a request is hereby made for the issuance of a Certificate of Correction with regard to the above-identified issued patent, the particulars of which are as follows:

IN THE CLAIMS:

Amend Column 20, line 59, by inserting into Claim 1 at line 9, the words — of P/Zn — before "is from about". (Amendment dated May 25, 2004, page 2, claim 103, last line, copy of responsive amendment page attached)

MAR 09 2005

Amend Column 22, line 17, by deleting in Claim 10 at line 1, "claim 7" and substituting therefor — claim 3 —. (Amendment dated May 25, 2004, page 7, copy of responsive amendment page attached)

REMARKS

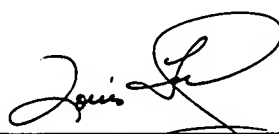
Applicant submits form PTO/SB/44 (Certificate of Correction) in duplicate with the requested corrections noted hereinabove.

Inasmuch as all of the requested corrections were made during the printing of the issued patent and through no fault of Applicant, it is believed that there is no fee required to effect the requested amendments to this patent (35 U.S.C. 254). However, should the Commissioner deem that a fee is required for the issuance of a Certificate of Correction, the Commissioner is hereby authorized to charge any fee necessary to Account No. 50-0983.

Please send the Certificate to the undersigned at the address identified below.

Respectfully submitted,

BUCKINGHAM, DOOLITTLE & BURROUGHS, LLP

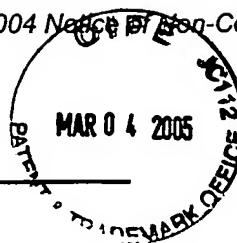
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«AK3:753982_1»

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In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-41. (canceled)

42-82. (canceled)

83-102. (canceled)

103. (currently amended) An essentially toxic-metal free liquid additive composition for use as at least a partial replacement of toxic metal stabilizer additive compositions for use in vinyl-containing resins, wherein the essentially toxic-free composition consists essentially of:

(a) ~~at least one phosphite ester selected from the group consisting of~~

(i) ~~triaryl phosphites and C₁₋₉ alkyl substituted derivatives thereof;~~

(ii) ~~C₈₋₁₅ alkyl phosphites;~~

(iii) ~~mixed phosphites having at least one C₈₋₁₅ alkyl moiety and at least one aryl moiety therein; a combination of said moieties totaling three;~~

(iv) ~~a C₁₀₋₁₅ alkyl bisphenol-A phosphites and C₁₋₉ alkyl substituted derivatives thereof;~~

(v) ~~poly and mono alkylene glycol phosphites;~~

(vi) ~~C₈₋₁₅ pentaerythritol phosphites;~~

(vii) ~~mono and di-C₈₋₁₅ alkyl p-cumyl phenol phosphites; and~~

(viii) ~~blends thereof;~~

(b) ~~0.05 to 0.4 mole percent a zinc additive;~~ and

(c) ~~4 to 10 mole percent phosphorus wherein a molar ratio of P/Zn is from about 80:1 to 4:1.~~

104. (currently amended) The composition of claim 103 wherein

(a) ~~said zinc is from 0.1 to 0.3 mole percent; and said ratio is from about 75:1 to 6:1.~~

(b) ~~said phosphorus is from 5 to 8 mole percent.~~

105. (currently amended) The composition of claim 104 wherein

(a) ~~said zinc is from 0.15 to 0.25 mole percent zinc; and said ratio is from about 73:1 to 8:1.~~

(b) ~~said phosphorus is from 6 to 7 mole percent.~~

106. (currently amended) The composition of claim 105 wherein said at least one phosphite ester is selected from the group consisting of

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zinc stearate, zinc tallow fatty acids, zinc palmitate, zinc myristate, zinc laurate, and zinc benzoate.

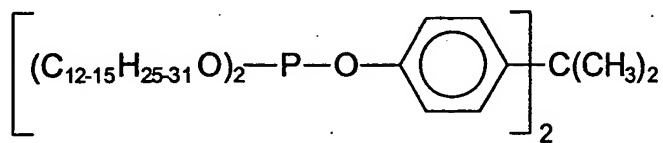
116. (canceled)

117. (canceled)

118. (currently amended) The composition of claim 117 wherein

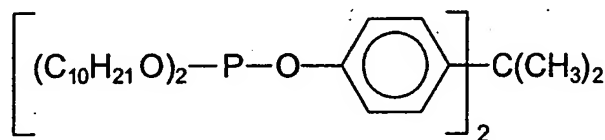
(a) said phosphite ester is selected from the group consisting of

C₁₂₋₁₅ bisphenol-A phosphite of formula (VIII) and



(VIII)

C₁₀ bisphenol-A phosphite of formula (IX)



(IX).

119. (canceled)

120. (canceled)

121. (canceled)

122. (canceled)

123. (canceled)

UNITED STATES PATENT & TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Patent No: 6,824,711 B2
Dated: November 30, 2004
Inventor(s): Stevenson et al.

IN THE CLAIMS:

Amend Column 20, line 59, by inserting into Claim 1 at line 9, the words — of P/Zn — before "is from about".

Amend Column 22, line 17, by deleting in Claim 10 at line 1, "claim 7" and substituting therefor — claim 3 —.

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